

09-22-00

A

Assistant Commissioner for Patents
Washington, DC 20231
ATTN: BOX UTILITY APPLICATION

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Docket No.: 99-463

Date: September 21, 2000

Sheet 1 of 2

U.S. Express Mail Label No.: EI883567969US

Inventor Name(s):

XIAO CHEN; YI DONG; AND ASHOK NANJUNDAN

Title:

METHOD AND APPARATUS FOR PROVIDING A SIMULATION OF A
WELDING PROCESS USING INTEGRATED MODELS

- ☒ Fee Transmittal Form Attached in Duplicate
- ☒ Specification and Claim(s) [Total Pages
- ☒ Drawing(s) [Total Sheets

Declaration [Total Pages

- ☒ Newly Executed (Original or Copy)
- ☐ Copy From Prior Application (37 CFR § 1.63(d))
- ☐ Deletion of Inventor(s) (37 CFR § 1.63(d)(2))
(Signed Statement Attached)

- ☒ Assignment Papers (Cover Sheet and Document(s))
- ☐ 37 CFR § 3.73(b) Statement (if applicable) ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☒ Information Disclosure Statement (IDS)/PTO-1449
- ☒ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (Specifically Itemized)
- ☐ Certified Copy of Priority Document(s)
- ☐ Other

--Continue Next Page--

Sheet 2 of 2

If a Continuing Application

☐ Continuation

☐ Divisional

☐ Continuation-In-Part (CIP)

of prior Application No.:

;

Examiner :

; and

Group/Art Unit:

☐ Cancel Claims:

For Continuations or Divisional Applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied, as set forth above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

Correspondence Address:



Customer Number or Bar Code Label:

719

or



Correspondence address below:

Name:

Address:

City:

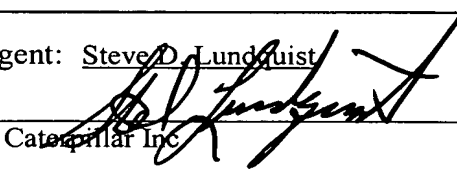
State:

Zip Code:

Country:

Attorney/Agent: Steve D. Lundquist

Registration No.: 42,816

Signature: 

Date: 9/21/2000

Caterpillar Inc

FEE TRANSMITTAL**for FY 2000**

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.**TOTAL AMOUNT OF PAYMENT** (\$) 690**Complete if Known**

| | |
|----------------------|------------------|
| Application Number | (Unassigned) |
| Filing Date | (Herewith) |
| First Named Inventor | XIAO CHEN ET AL. |
| Examiner Name | (Unassigned) |
| Group / Art Unit | (Unassigned) |
| Attorney Docket No. | 99-463 |

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 03-1129

Deposit Account Name

- ☒
- Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Code (\$) | Small Entity Code (\$) | Fee Description | Fee Paid |
|------------------------|------------------------|------------------------|----------|
| 101 690 | 201 345 | Utility filing fee | 690 |
| 106 310 | 206 155 | Design filing fee | |
| 107 480 | 207 240 | Plant filing fee | |
| 108 690 | 208 345 | Reissue filing fee | |
| 114 150 | 214 75 | Provisional filing fee | |

SUBTOTAL (1) (\$) 690**2. EXTRA CLAIM FEES**

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 9 | -20** = 0 | 18 | 0 |
| 2 | -3** = 0 | 78 | 0 |
| Multiple Dependent | | | |

**or number previously paid, if greater; For Reissues, see below

| Large Entity Code (\$) | Small Entity Code (\$) | Fee Description |
|------------------------|------------------------|--|
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 78 | 202 39 | Independent claims in excess of 3 |
| 104 260 | 204 130 | Multiple dependent claim, if not paid |
| 109 78 | 209 39 | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 0**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

| Large Entity Code (\$) | Small Entity Code (\$) | Fee Description | Fee Paid |
|---------------------------|------------------------|--|----------|
| 105 130 | 205 65 | Surcharge - late filing fee or oath | |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 139 130 | 139 130 | Non-English specification | |
| 147 2,520 | 147 2,520 | For filing a request for reexamination | |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | |
| 115 110 | 215 55 | Extension for reply within first month | |
| 116 380 | 216 190 | Extension for reply within second month | |
| 117 870 | 217 435 | Extension for reply within third month | |
| 118 1,360 | 218 680 | Extension for reply within fourth month | |
| 128 1,850 | 228 925 | Extension for reply within fifth month | |
| 119 300 | 219 150 | Notice of Appeal | |
| 120 300 | 220 150 | Filing a brief in support of an appeal | |
| 121 260 | 221 130 | Request for oral hearing | |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | |
| 140 110 | 240 55 | Petition to revive - unavoidable | |
| 141 1,210 | 241 605 | Petition to revive - unintentional | |
| 142 1,210 | 242 605 | Utility issue fee (or reissue) | |
| 143 430 | 243 215 | Design issue fee | |
| 144 580 | 244 290 | Plant issue fee | |
| 122 130 | 122 130 | Petitions to the Commissioner | |
| 123 50 | 123 50 | Petitions related to provisional applications | |
| 126 240 | 126 240 | Submission of Information Disclosure Stmt | |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | |
| 146 690 | 246 345 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 690 | 249 345 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| Other fee (specify) _____ | | | |
| Other fee (specify) _____ | | | |

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0**SUBMITTED BY**

| | | | | | |
|-------------------|---|-----------------------------------|------------|-----------|----------------|
| Name (Print/Type) | Steve D. Lundquist | Registration No. (Attorney/Agent) | 42,816 | Telephone | (314) 849-4079 |
| Signature |  | Date | 09/21/2000 | | |

WARNING

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.